

I CLAIM:

5 1. A pump comprising:
 a cylinder having an inlet and an outlet;
 a pumping piston mounted to reciprocate in the
cylinder;
 a piston rod secured at one end to the piston and at
10 the other end to a first pivot point on a support; and
 an elongated drive link secured at one end to a
pivot point on the cylinder and at the other end to a second
pivot point on the support, so that as the cylinder and piston
are moved back and forth about the first and second pivot
15 points, the piston reciprocates in the cylinder.

 2. A pump according to claim 1 which includes a high
pressure housing connected to the outlet of the pump cylinder.

20 3. A pump according to claim 1 or 2 which includes a
check valve between the pump cylinder outlet and the high
pressure housing.

 4. A pump according to claim 1, in which the drive link
25 is longer than the distance between the first and second pivot
points.

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